

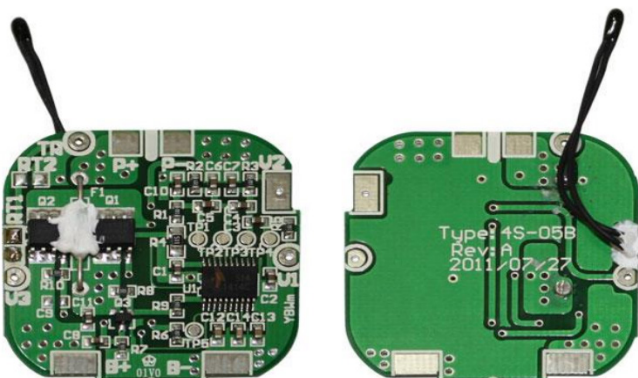


PCM for 14.4/14.8V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:16.8V CC/CV
		Balance voltage for single cell	N/A
2	Current	Balance current for single cell	N/A
		Low Current consumption for single cell	≤50μA
		Maximal continuous Discharging current	5A
3	Over Charge Protection	Over charge detection voltage	4.35V±0.025V
		Over charge detection delay time	1000msec
		Over charge release voltage	4.15V±0.025V
4	Over Discharge Protection	Over discharge detection voltage	2.3V±0.10V
		Over discharge detection delay time	1000msec
		Over discharge release voltage	3.00±0.15V
5	Over Current Protection	Over current detection voltage	0.15±0.015V
		Over current detection current	5±0.5A
		Detection delay time	10msec
		Release condition	Auto Recovery
6	Short Protection	Detection condition	P+ and P- are Shorted
		Detection delay time	N/A
		Release condition	Auto Recovery
7	Resistance	Protection circuitry	≤15mΩ
8	Temperature	Operating Temperature Range	-40~+125°C
		Storage Temperature Range	-40~+70°C
9	Dimensions	L 36.0mm x W 36.0mm x T 6.0mm	

IMAGE



CONNECTION DIAGRAM

